

Exhibit E

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/db_xref="taxon:9606"  
/chromosome="6"  
/map="6q21"  
/clone="RP1-94G16"  
/clone_lib="RPCI-1"  
repeat_region 2..109  
/note="AluSg repeat: matches 193..300 of consensus  
incomplete repeat"  
repeat_region 586..684  
/note="MIR2 repeat: matches 32..134 of consensus"  
repeat_region 828..1128  
/note="AluJb repeat: matches 1..300 of consensus"  
repeat_region 1511..1913  
/note="MSTA repeat: matches 426..1 of consensus"  
repeat_region 2069..2366  
/note="AluY repeat: matches 1..297 of consensus"  
repeat_region 2560..2589  
/note="15 copies of 2 mer 100 % conserved"  
repeat_region 4018..4220  
/note="MER42B repeat: matches 1204..1005 of consensus"  
repeat_region 4380..4673  
/note="MER42c repeat: matches 983..690 of consensus"  
repeat_region 5738..5790  
/note="MER5A repeat: matches 131..183 of consensus"  
repeat_region 6052..6137  
/note="MIR repeat: matches 57..144 of consensus"  
repeat_region 7850..8066  
/note="MIR repeat: matches 262..47 of consensus"  
repeat_region 9495..9676  
/note="AluSx repeat: matches 119..300 of consensus  
incomplete repeat"  
repeat_region 11587..11890  
/note="AluJb repeat: matches 1..302 of consensus"  
repeat_region 12013..12188  
/note="L1MD1 repeat: matches 971..793 of consensus"  
repeat_region 12310..12500  
/note="AluSp repeat: matches 108..299 of consensus  
incomplete repeat"  
repeat_region 13051..13336  
/note="AluY repeat: matches 1..289 of consensus"  
repeat_region 13800..14096  
/note="AluSx repeat: matches 302..3 of consensus"  
repeat_region 16740..16877  
/note="MIR2 repeat: matches 144..1 of consensus"  
repeat_region 17538..17591  
/note="2 copies of 27 mer 100 % conserved"  
repeat_region 18151..18287  
/note="FLAM_C repeat: matches 1..131 of consensus"  
repeat_region 18554..18722  
/note="MIR repeat: matches 261..84 of consensus"  
repeat_region 20152..20294  
/note="MER42c repeat: matches 1097..949 of consensus"  
repeat_region 21524..21613  
/note="MIR repeat: matches 60..144 of consensus"  
repeat_region 21616..21915  
/note="AluJb repeat: matches 1..301 of consensus"  
repeat_region 21916..22025  
/note="MIR repeat: matches 141..262 of consensus"  
misc_feature 21983..21992  
/note="Tn10 flanking repeat"
```

Tn10 sequence was inserted at position 21992..21993
in some sequenced clones which were not included
in the final assembly."

repeat_region 22793..22848
/note="28 copies of 2 mer 93 % conserved"

repeat_region 23337..23527
/note="MIR repeat: matches 243..45 of consensus"

repeat_region 26788..27074
/note="AluJo repeat: matches 1..299 of consensus"

repeat_region 27487..27787
/note="AluSg repeat: matches 297..1 of consensus"

repeat_region 28466..28524
/note="MIR2 repeat: matches 146..86 of consensus"

repeat_region 28475..28537
/note="MIR repeat: matches 257..195 of consensus"

repeat_region 28538..28843
/note="AluY repeat: matches 1..299 of consensus"

repeat_region 29096..29432
/note="THE1A repeat: matches 354..1 of consensus"

repeat_region 29433..30977
/note="THE1B-INTERNAL repeat: matches 1580..2 of
consensus"

repeat_region 30980..31322
/note="THE1A repeat: matches 354..1 of consensus"

repeat_region 32594..32810
/note="MER30 repeat: matches 1..229 of consensus"

repeat_region 34663..34860
/note="MER20 repeat: matches 218..2 of consensus"

repeat_region 34906..35188
/note="AluJo repeat: matches 302..2 of consensus"

repeat_region 36667..36969
/note="AluSq repeat: matches 299..1 of consensus"

repeat_region 37045..37345
/note="MER33 repeat: matches 9..323 of consensus"

repeat_region 39246..39818
/note="MLT1E repeat: matches 568..1 of consensus"

repeat_region 41305..41604
/note="AluY repeat: matches 301..1 of consensus"

repeat_region 42255..42299
/note="MADE1 repeat: matches 46..2 of consensus"

repeat_region 42702..43037
/note="MER1B repeat: matches 337..1 of consensus"

repeat_region 44291..44516
/note="MLT1F repeat: matches 541..300 of consensus"

repeat_region 47198..47261
/note="2 copies of 32 mer 92 % conserved"

repeat_region 49349..49557
/note="MIR repeat: matches 7..203 of consensus"

repeat_region 49728..50016
/note="AluY repeat: matches 10..298 of consensus"

unsure 50103..50104

unsure 50110..50111

unsure 50117

repeat_region 50140..50235
/note="FLAM_A repeat: matches 133..40 of consensus"

repeat_region 51950..52234
/note="AluJo repeat: matches 1..297 of consensus"

repeat_region 52255..52557
/note="AluSq repeat: matches 1..303 of consensus"

repeat_region 53635..53786

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/note="L1PA13 repeat: matches 432..569 of consensus"
repeat_region 54479..54779
/note="AluSx repeat: matches 3..302 of consensus"
repeat_region 55853..56121
/note="AluJo repeat: matches 300..5 of consensus"
repeat_region 56848..56947
/note="MIR repeat: matches 216..116 of consensus"
unsure 57419
unsure 57421
repeat_region 58836..58880
/note="MER5A repeat: matches 26..70 of consensus"
repeat_region 59694..59896
/note="MIR repeat: matches 14..250 of consensus"
prim_transcript <60654..>62080
/note="match: multiple ESTs
match: AA400694 W31518 AA026810 N29184 W45579"
repeat_region 63844..64143
/note="AluY repeat: matches 301..2 of consensus"
repeat_region 64314..64584
/note="AluJo repeat: matches 1..281 of consensus
incomplete repeat"
repeat_region 66300..66538
/note="MIR repeat: matches 3..261 of consensus"
repeat_region 67079..67373
/note="AluSc repeat: matches 1..295 of consensus"
repeat_region 68397..68450
/note="MIR repeat: matches 50..102 of consensus"
repeat_region 68690..69514
/note="L1PB3 repeat: matches 897..64 of consensus"
repeat_region 69957..70250
/note="AluSq repeat: matches 1..303 of consensus"
prim_transcript <72733..74862
/note="match: multiple ESTs
match: T24499 AA069666 U82788 H10089 H21591
match: N23570 AA128011 W03600 N48006 N56225
match: R44125 R24821 N29055 N94008 N32368
match: R45036 AA128035 R44525 N67671 AA234545
match: N67672 N67755 H98847 W04838 AA394059
match: H10035 Z43597 R21103 AA173051 N20676
match: T30292 W03515 W03517 C00031 R62418
match: N68337 AA292335 R19808 R23669 AA401789"
repeat_region 75906..76213
/note="AluSx repeat: matches 1..302 of consensus"
repeat_region 76442..76731
/note="AluJb repeat: matches 302..11 of consensus"
repeat_region 79888..80029
/note="2 copies of 71 mer 90 % conserved"
repeat_region 80376..80680
/note="AluJb repeat: matches 2..297 of consensus"
repeat_region 81720..81842
/note="MIR repeat: matches 225..86 of consensus"
repeat_region 86537..86739
/note="AluJb repeat: matches 84..302 of consensus
incomplete repeat"
repeat_region 87265..87564
/note="AluSg repeat: matches 1..300 of consensus"
prim_transcript <87802..88812
/note="match: 3' EST AA279958 clone 704987
Paired with EST AA279957 matching this clone
match: 5' EST AA279957 clone 704987

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Paired with EST AA279958 matching this clone"

repeat_region 93086..93202
/note="L1MB6 repeat: matches 912..795 of consensus"

repeat_region 93893..94697
/note="L1ME3 repeat: matches 840..19 of consensus"

repeat_region 94740..94775
/note="18 copies of 2 mer 100 % conserved"

repeat_region 94929..95043
/note="LTR1 repeat: matches 109..223 of consensus"

repeat_region 95100..95202
/note="LTR1 repeat: matches 353..450 of consensus"

repeat_region 95930..96037
/note="L1 repeat: matches 2366..2259 of consensus"

repeat_region 96603..97136
/note="MER21A repeat: matches 26..577 of consensus"

repeat_region 97144..97552
/note="MSTB repeat: matches 1..426 of consensus"

repeat_region 97982..98044
/note="MIR repeat: matches 147..84 of consensus"

repeat_region 98945..99218
/note="AluY repeat: matches 301..29 of consensus
incomplete repeat"

repeat_region 99736..99842
/note="MIR repeat: matches 189..74 of consensus"

repeat_region 99856..99948
/note="FLAM_A repeat: matches 32..124 of consensus"

repeat_region 100340..100604
/note="AluJo repeat: matches 300..43 of consensus
incomplete repeat"

repeat_region 100605..100745
/note="MSTA repeat: matches 426..275 of consensus"

repeat_region 100744..100808
/note="AluJ repeat: matches 293..234 of consensus
incomplete repeat"

BASE COUNT 30345 a 19761 c 18990 g 31712 t

ORIGIN

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